

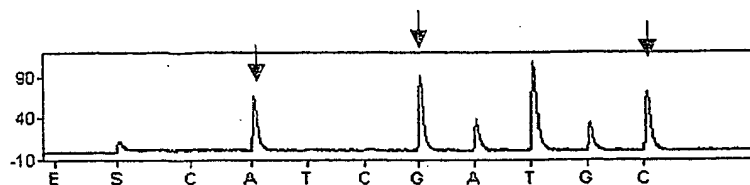


BGL

Sequencing primer: TTGAGTGACAGAGTAGTGA (SEQ ID NO: 14)

Sequence to analyze: AGGATTTTGC (SEQ ID NO: 15)

Dispensation order: (C)A(T)(C)GATGC



Template loop generating background in the A, G and C peaks denoted by arrows.

**AAGCCC** ->

ACTTGAGGAAGATCATA -3'

( | | | | | | | | )

GAACCTTCTTCTCATAT**TTCCGG**GATAACTCACTGTCTCATCACTYCTAAAACGTCTAA

TACGTCTTAAAA... -Biotin-5' (SEQ ID NO: 16)

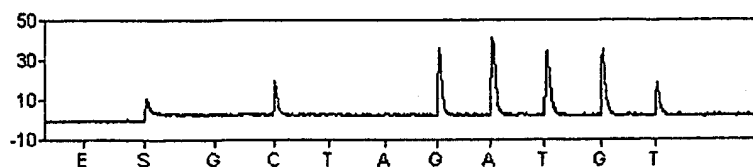
**FIG. 1A**

PRP

Sequencing primer: GTGGGTTGATCCATAT (SEQ ID NO: 11)

Sequence to analyze: CGGAATTGGT (SEQ ID NO: 13)

Dispensation order: (G)C(T)(A)GATGT



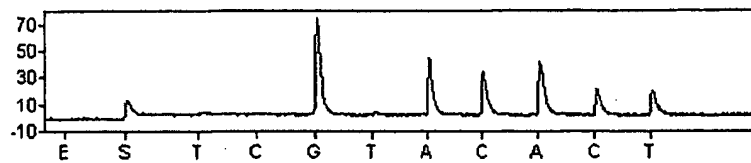
**FIG. 1B**

THA

Sequencing primer: CATTCACTTGCCCTG (SEQ ID NO: 7)

Sequence to analyze: GGGGAACCAACT (SEQ ID NO: 17)

Dispensation order: (T)(C)G(T)ACACT



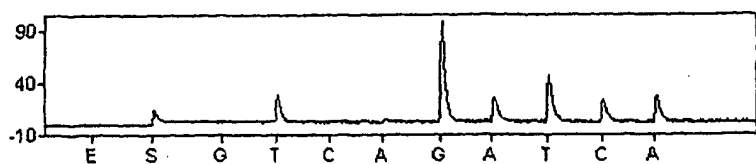
**FIG. 1C**

RPL10

Sequencing primer: TCATTGTTAGCAGGAAG (SEQ ID NO: 6)

Sequence to analyze: TGGGGATTCA (SEQ ID NO: 18)

Dispensation order: (G)T(C)(A)GATCA



**FIG. 1D**

RPL12

Sequencing primer: AAGAACATCAAGCACAA (SEQ ID NO: 10)

Sequence to analyze: TGGTAATA (SEQ ID NO: 12)

Dispensation order: (G)T(C)(A)GTATA

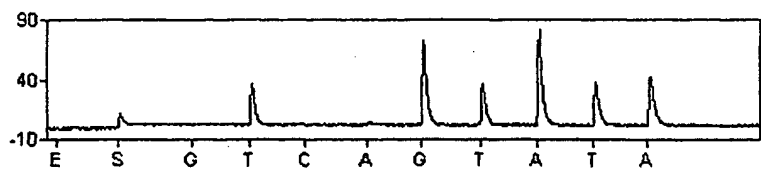


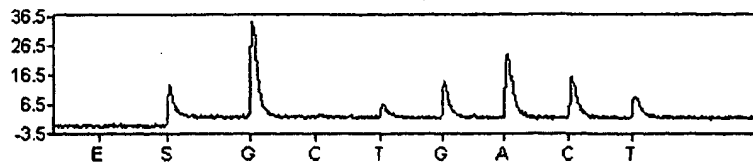
FIG. 1E

THA + RPL10

Sequencing primers: TCATTGTTAGCAGGAAG (RPL10) (SEQ ID NO: 6) and  
CATTCACCTTGCCCTG (THA) (SEQ ID NO: 7)

Sequence to analyze: TGGGGATT (RPL10) (SEQ ID NO: 8) and GGGAACCT (THA)  
(SEQ ID NO: 9)

Dispensation order: G(C)TGACT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	G	C	T	G	A	C	T
10.6	32.6	1.1	4.7	12.3	21.8	14.1	6.9

**FIG. 2A**

PRP + RPL 12

Sequencing primers: AAGAACATCAAGCACAA (RPL12) (SEQ ID NO: 10) and  
GTGGGTTGATCCATAT (PRP) (SEQ ID NO: 11)

Sequence to analyze: TGGTAATA (RPL12) (SEQ ID NO: 12) and CGGAATTGGT (PRP)  
(SEQ ID NO: 13)

Dispensation order: T(A)GCGATA



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	T	A	G	C	G	A	T	A
9.5	6.5	0.9	10.9	3.7	5.1	7.0	10.8	11.3

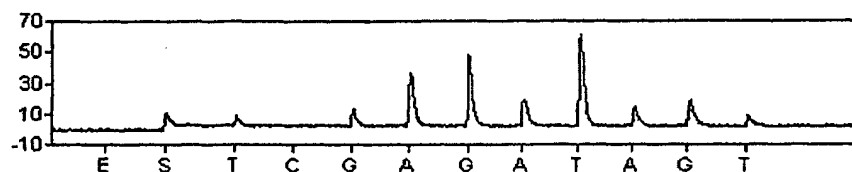
**FIG. 2B**

RPL 12 + BGL

Sequencing primers: AAGAACATCAAGCACAA (RPL12) (SEQ ID NO: 10) and  
TTGAGTGACAGAGTAGTGA (BGL) (SEQ ID NO: 14)

Sequence to analyze: TGGTAATA (RPL12) (SEQ ID NO: 12) and AGGATTTTGC (BGL)  
(SEQ ID NO: 15)

Dispensation order: T(C)GAGATAGT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	T	C	G	A	G	A	T	A	G	T
8.5	5.8	0.6	10.6	34.2	46.3	17.4	58.1	12.0	17.1	6.1

**FIG. 2C**

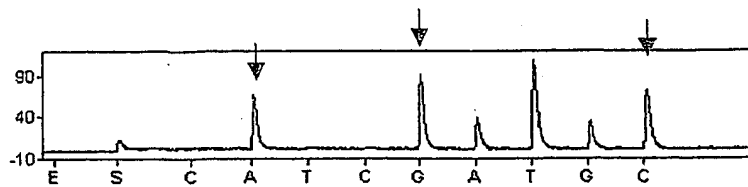


BGL

Sequencing primer: TTGAGTGACAGAGTAGTGA (SEQ ID NO: 14)

Sequence to analyze: AGGATTTTGC (SEQ ID NO: 15)

Dispensation order: (C)A(T)(C)GATGC



Template loop generating background in the A, G and C peaks denoted by arrows.

————— AAGGCC —>

~~ACTTGAGGAAGATCATA -3'~~

( | | | | | | | | )

GAACCTTCTTCTCATATTTCCGGGATAACTCACTGTCTCATCACTYCTAAAACGTCT

AA

TACGTCTTAAAA... Biotin-5'

————— AAGGCC ->

ACTTGAGGAAGATCATA -3'

( | | | | | | | | )

GAACCTTCTTCTCATATTTCCGGGATAACTCACTGTCTCATCACTYCTAAAACGTCTAA

TACGTCTTAAAA... -Biotin-5' (SEQ ID NO: 16)

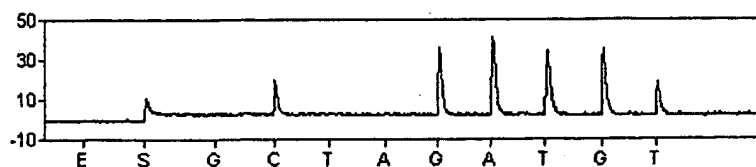
FIG. 1A

PRP

Sequencing primer: GTGGGTTGATCCATAT (SEQ ID NO: 11)

Sequence to analyze: CGGAATTGGT (SEQ ID NO: 13)

Dispensation order: (G)C(T)(A)GATGT



**FIG. 1B**

THA

Sequencing primer: CATTCACTTGCCCTG (SEQ ID NO: 7)

Sequence to analyze: GGGGAACCAACT (SEQ ID NO: 17)

Dispensation order: (T)(C)G(T)ACACT

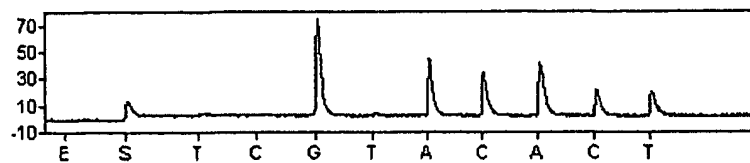


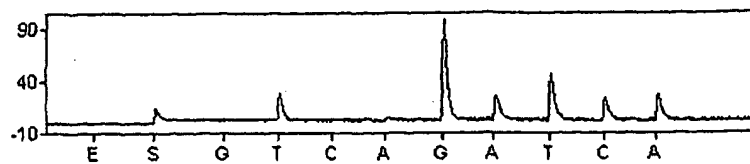
FIG. 1C

RPL10

Sequencing primer: TCATTGTTAGCAGGAAG (SEQ ID NO: 6)

Sequence to analyze: TGGGGATTCA (SEQ ID NO: 18)

Dispensation order: (G)T(C)(A)GATCA



**FIG. 1D**

RPL12

Sequencing primer: AAGAACATCAAGCACAA (SEQ ID NO: 10)

Sequence to analyze: TGGTAATA (SEQ ID NO: 12)

Dispensation order: (G)T(C)(A)GTATA

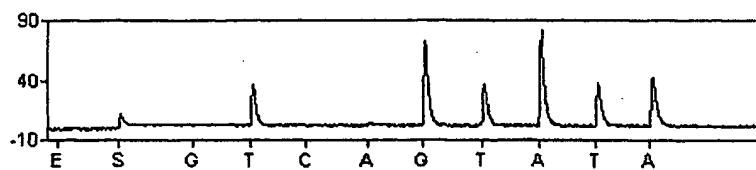


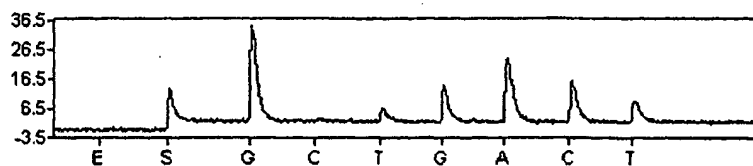
FIG. 1E

THA + RPL10

Sequencing primers: TCATTGTTAGCAGGAAG (RPL10) (SEQ ID NO: 6) and  
CATTCACCTTGCCCTG (THA) (SEQ ID NO: 7)

Sequence to analyze: TGGGGATT (RPL10) (SEQ ID NO: 8) and GGGGAACC (THA)  
(SEQ ID NO: 9)

Dispensation order: G(C)TGACT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	G	C	T	G	A	C	T
10.6	32.6	1.1	4.7	12.3	21.8	14.1	6.9

**FIG. 2A**

PRP + RPL 12

Sequencing primers: AAGAACATCAAGCACAA (RPL12) (SEQ ID NO: 10) and  
GTGGGTTGATCCATAT (PRP) (SEQ ID NO: 11)

Sequence to analyze: TGGTAATA (RPL12) (SEQ ID NO: 12) and CGGAATTGGT (PRP)  
(SEQ ID NO: 13)

Dispensation order: T(A)GCGATA



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	T	A	G	C	G	A	T	A
9.5	6.5	0.9	10.9	3.7	5.1	7.0	10.8	11.3

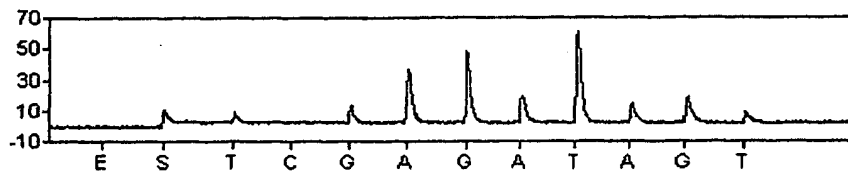
**FIG. 2B**

RPL 12 + BGL

Sequencing primers: AAGAACATCAAGCACAA (RPL12) (SEQ ID NO: 10) and  
TTGAGTGACAGAGTAGTGA (BGL) (SEQ ID NO: 14)

Sequence to analyze: TGGTAATA (RPL12) (SEQ ID NO: 12) and AGGATTTTGC (BGL)  
(SEQ ID NO: 15)

Dispensation order: T(C)GAGATAGT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

S	T	C	G	A	G	A	T	A	G	T
8.5	5.8	0.6	10.6	34.2	46.3	17.4	58.1	12.0	17.1	6.1

**FIG. 2C**